

TERMINAL EQUIPMENT FOR BIDIRECTIONAL RADIO LINK

ABSTRACT

5 According to the invention, the frequency
bandwidth used globally for transmission and reception in
a bi-directional radio relay link with two simultaneous
broadcasts and receptions may be reduced by half, whereby
each terminal device (TA) comprises a first broadcaster
10 (EA1), broadcasting a first data signal (SI) by means of
a first antenna (AA1) in a first used frequency band
(BF1) identical to that in which a first receiver (RA1)
receives a second data signal (S2) by means of a second
antenna (AA2) and a second receiver (RA2) receives a
15 third data signal (S3) with a second used frequency band
(BF2) by means of the first antenna (AA1) and a second
broadcaster (EA2) broadcasts a fourth data signal (S4)
with the second used frequency band (BF2) by means of a
second antenna (AA2).